

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	2	luciferin near4 regenerat\$	USPAT; US-PGPUB	2003/11/21 10:52

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:56:42 ON 21 NOV 2003

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:56:58 ON 21 NOV 2003  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s luciferin(5a)regenerat?

FILE 'MEDLINE'

754 LUCIFERIN

64458 REGENERAT?

L1 3 LUCIFERIN(5A) REGENERAT?

FILE 'SCISEARCH'

763 LUCIFERIN

74269 REGENERAT?

L2 4 LUCIFERIN(5A) REGENERAT?

FILE 'LIFESCI'

459 LUCIFERIN

18823 REGENERAT?

L3 3 LUCIFERIN(5A) REGENERAT?

FILE 'BIOTECHDS'

148 LUCIFERIN

13684 REGENERAT?

L4 3 LUCIFERIN(5A) REGENERAT?

FILE 'BIOSIS'

1271 LUCIFERIN

84431 REGENERAT?

L5 5 LUCIFERIN(5A) REGENERAT?

FILE 'EMBASE'

717 LUCIFERIN

48080 REGENERAT?

L6 1 LUCIFERIN(5A) REGENERAT?

FILE 'HCAPLUS'

2305 LUCIFERIN

153483 REGENERAT?

L7 16 LUCIFERIN(5A) REGENERAT?

FILE 'NTIS'

42 LUCIFERIN

7914 REGENERAT?

L8 0 LUCIFERIN(5A) REGENERAT?

FILE 'ESBIOBASE'

272 LUCIFERIN

27311 REGENERAT?

L9 3 LUCIFERIN(5A) REGENERAT?

FILE 'BIOTECHNO'

273 LUCIFERIN

14184 REGENERAT?

L10 3 LUCIFERIN(5A) REGENERAT?  
 FILE 'WPIDS'  
 294 LUCIFERIN  
 86471 REGENERAT?  
 L11 6 LUCIFERIN(5A) REGENERAT?  
 TOTAL FOR ALL FILES  
 L12 47 LUCIFERIN(5A) REGENERAT?

=> s l12 not 2001-2003/py  
 FILE 'MEDLINE'  
 1512614 2001-2003/PY  
 L13 0 L1 NOT 2001-2003/PY

FILE 'SCISEARCH'  
 2807371 2001-2003/PY  
 L14 1 L2 NOT 2001-2003/PY

FILE 'LIFESCI'  
 274423 2001-2003/PY  
 L15 0 L3 NOT 2001-2003/PY

FILE 'BIOTECHDS'  
 57974 2001-2003/PY  
 L16 0 L4 NOT 2001-2003/PY

FILE 'BIOSIS'  
 1484597 2001-2003/PY  
 L17 2 L5 NOT 2001-2003/PY

FILE 'EMBASE'  
 1271007 2001-2003/PY  
 L18 0 L6 NOT 2001-2003/PY

FILE 'HCAPLUS'  
 2877189 2001-2003/PY  
 L19 6 L7 NOT 2001-2003/PY

FILE 'NTIS'  
 40732 2001-2003/PY  
 L20 0 L8 NOT 2001-2003/PY

FILE 'ESBIOBASE'  
 803336 2001-2003/PY  
 L21 1 L9 NOT 2001-2003/PY

FILE 'BIOTECHNO'  
 345429 2001-2003/PY  
 L22 1 L10 NOT 2001-2003/PY

FILE 'WPIDS'  
 2703877 2001-2003/PY  
 L23 1 L11 NOT 2001-2003/PY

TOTAL FOR ALL FILES  
 L24 12 L12 NOT 2001-2003/PY

=> fil .becpat  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
18.77	18.98

FILES 'BIOTECHDS, HCAPLUS, WPIDS' ENTERED AT 10:59:12 ON 21 NOV 2003

ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

3 FILES IN THE FILE LIST

=> s l12 and wo/pc and pry<=2000 range=2001,  
FILE 'BIOTECHDS'

21959 WO/PC  
23425 PRY<=2000  
(PRY<=2000)

L25 3 L4 AND WO/PC AND PRY<=2000

FILE 'HCAPLUS'

139385 WO/PC  
376744 PRY<=2000

L26 4 L7 AND WO/PC AND PRY<=2000

FILE 'WPIDS'

298075 WO/PC  
1387280 PRY<=2000  
(PRY<=2000)

L27 3 L11 AND WO/PC AND PRY<=2000

TOTAL FOR ALL FILES

L28 10 L12 AND WO/PC AND PRY<=2000

=> dup rem l28

PROCESSING COMPLETED FOR L28

L29 6 DUP REM L28 (4 DUPLICATES REMOVED)

=> d tot

L29 ANSWER 1 OF 6 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
TI *Luciola lateralis*-originated genes encoding proteins capable of  
**regenerating luciferin** especially from oxyluciferin,  
useful for producing recombinant DNAs and transformants to give proteins  
useful in assaying adenosine triphosphate;  
vector-mediated gene transfer and expression in host cell and DNA  
primer for use in medicine and food hygiene

AU HIROKAWA K; KUROSAWA K; KAJIYAMA N  
AN 2002-11179 BIOTECHDS  
PI **WO** 2002010384 7 Feb 2002

L29 ANSWER 2 OF 6 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
TI New *Luciola cruciata*-originated genes encoding proteins capable of  
**regenerating luciferin** especially from oxyluciferin,  
for producing recombinant DNAs and transformants;  
sustaining luminescence useful for medicine and food hygiene

AU HIROKAWA K; KUROSAWA K; KAJIYAMA N  
AN 2002-09656 BIOTECHDS  
PI **WO** 2002010383 7 Feb 2002

L29 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2003 ACS on STN  
TI **Luciferin-regenerating** enzyme from Japanese firefly  
*Luciola lateralis*  
SO Jpn. Kokai Tokkyo Koho, 11 pp.  
CODEN: JKXXAF

IN Hirokawa, Kozo; Kurosawa, Keiko; Kajiyama, Naoki  
AN 2002:94167 HCAPLUS  
DN 136:163292

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002034574	A2	20020205	JP 2000-228227	20000728
	WO 2002010384	A1	20020207	WO 2001-JP6455	20010726 <--
	W: US				

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR  
EP 1306435 A1 20030502 EP 2001-954353 20010726 <--  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR

L29 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2003 ACS on STN  
TI **Luciferin-regenerating** enzyme from Japanese firefly

Luciola cruciata

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

IN Hirokawa, Kozo; Kurosawa, Keiko; Kajiyama, Naoki

AN 2002:94166 HCAPLUS

DN 136:147117

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002034573	A2	20020205	JP 2000-228226	20000728
WO 2002010383	A1	20020207	WO 2001-JP6454	20010726 <--

W: US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR

EP 1306434 A1 20030502 EP 2001-954352 20010726 <--

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR

L29 ANSWER 5 OF 6 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

TI **Luciferin regenerating** protein and gene encoding it,  
useful for **regenerating** expensive **luciferin** from  
oxyluciferin and D-cysteine;  
recombinant protein production in Escherichia coli

AU Kurosawa K; Kajiyama N

AN 2001-08927 BIOTECHDS

PI WO 2001025426 12 Apr 2001

L29 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2003 ACS on STN

TI In vitro ATP regeneration system from polyphosphate and AMP by  
polyphosphate synthase and polyphosphate:AMP phosphotransferase or  
adenylate kinase

SO PCT Int. Appl., 51 pp.

CODEN: PIXXD2

IN Ohtake, Hisao; Kuroda, Akio; Tanaka, Shotaro

AN 2001:545886 HCAPLUS

DN 135:119262

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053513	A1	20010726	WO 2001-JP238	20010117 <--

W: CN, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR

JP 2001211900	A2	20010807	JP 2000-28976	20000207
JP 2001292798	A2	20011023	JP 2000-112790	20000414
JP 2001299390	A2	20011030	JP 2000-119798	20000420
JP 2001269200	A2	20011002	JP 2000-362340	20001129 <--
EP 1264894	A1	20021211	EP 2001-901364	20010117 <--

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR

US 2003064394	A1	20030403	US 2002-188091	20020703 <--
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=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

56.14

75.12

STN INTERNATIONAL LOGOFF AT 11:11:54 ON 21 NOV 2003